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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

TI-33781

First Inventor

Nir Sasson

Title

Method Of Fixing Frequency Complex Up-Conversion Phase And Gain Impairments

Express Mail Label No.

EU327637341US

2286 U.S. PTO
107/652674

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 202311. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)2. Applicant claims small entity status.
See 37 CFR 1.27.8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)3. Specification
(preferred arrangement set forth below)

[Total Pages 17]

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113)

[Total Sheets 2]

5. Oath or Declaration

[Total Pages 1]

a. Newly Executed (original or copy)9. Assignment Papers (cover sheet & documents(s))b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)10. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of
Attorneyi. **DELETION OF INVENTOR(S)**11. English Translation Document (if applicable)Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).12. Information Disclosure
Statement (IDS)/PTO-1449 Copies of IDS
Citations13. Preliminary Amendment14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.17. Other:6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: _____ / _____

Group / Art Unit: _____

Prior application information: Examiner _____
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

| | | | |
|---------|--------------------------------|----------------|--------------------|
| NAME | Texas Instruments Incorporated | | |
| ADDRESS | | | |
| CITY | STATE | TX | ZIP CODE |
| COUNTRY | TELEPHONE | (972) 917-5633 | FAX (972) 917-4418 |

| | | | |
|-------------------|------------------|-----------------------------------|-----------------|
| Name (Print/Type) | Dwight N. Holmbo | Registration No. (Attorney/Agent) | Reg. No. 36,410 |
| Signature | Dwight N. Holmbo | | Date 08/29/03 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL

for FY 2003

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 874.00)

| Complete If Known | |
|----------------------|-----------------|
| Application Number | TBD |
| Filing Date | August 29, 2003 |
| First Named Inventor | Nir Sasson |
| Examiner Name | TBD |
| Group Art Unit | TBD |
| Attorney Docket No. | TI-33781 |

METHOD OF PAYMENT (check all that apply)

FEE CALCULATION (continued)

1. The Commissioner is hereby authorized to charge to the following Deposit Account.

Deposit Account Number

20-0668

Deposit Account Name

Texas Instruments Incorporated

Charge any additional fee required or credit any overpayment Charge all indicated fees and any additional fee required or credit any overpayment

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | \$750 |
| 1002 | 330 | 2002 | 165 | Design filing fee | \$ |
| 1003 | 520 | 2003 | 260 | Plant filing fee | \$ |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | \$ |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | \$ |
| SUBTOTAL (1) | | | | (\$750.00) | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | Fee from below | Fee Paid |
|--------------------|----|--------------|----------------|----------|
| Total Claims | 15 | -20** = 0 | x 18 = 0 | 0 |
| Independent Claims | 4 | -3** = 1 | x 84 = 84 | 84 |
| Multiple Dependent | | | 280 = 0 | 0 |

**or number previously paid, if greater; For Reissue, see below

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------|-----------------|----------------|-----------------|---|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent Claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claims in excess of 3 |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) | | | | (\$84.00) |

3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|---|----------|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension of time within second month | |
| 1253 | 930 | 2253 | 465 | Extension of time within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension of time within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension of time within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee for provisional applications | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt. | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per properly (time number of properties) | \$40 |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR 1.129(b)) | |

Other fee (specify) _____

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40

| SUBMITTED BY | | Complete (if applicable) | |
|-----------------------|------------------|--------------------------|------------|
| Typed or Printed Name | | Reg. Number | |
| Signature | Dwight N. Holmbo | Date | 08/29/2003 |
| | | Deposit Account User ID | N/A |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231